

IRON



Nanotechnological anti-rust thermal insulation

Ready-to-use, odorless, non-toxic water-based acrylic dispersion for interior and exterior finishes white, semi-matt, tintable (RAL) in light tones. Very good reflectivity up to 95% (70 - 95 % by different spectra of solar and infrared radiation).

With very good insulating properties: prevention of heat loss, protection against excessive heat, and freezing. Prevents condensation, resistant to weather and UV radiation, good adhesion, high corrosion resistance and temperature resistance (-60 °C to 150 °C, short-term +200 °C).

Areas of applications: mainly metal surfaces and building structures, cars, wagons, tanks, piping, boiler houses, ventilation, air conditioning systems etc., metal surfaces as anti-rust and thermal insulation.

Consumption for 0.5 mm layer 0.5 l/m².

The surface to be treated is dry, humidity up to 80 %, t° 10 °C to 45 °C.

Pre-clean the surface from rust, dust, and grease. Pre-coat the metal surface with an anti-rust alkyd primer.

Application by glue comb and putty shovel, roller, or airless sprayer (high-pressure spray machine).

Soluble in water.

Recommended layer thickness 1 to 2.5 mm, covered in layers.

In normal condition 0.5 mm layer drying time 3 - 6 h, 1 mm layer ready for use in 12 - 24 h.

Store in an unopened factory container at 5 °C to 45 °C, for shelf life, see the label.

When opened, to be used immediately.

More information: www.nanoter.eu

General safety requirements.

Composition: nanotechnological base material, binders and fillers, fillers and binders, technological additional components, pigments, glass microspheres.



NB! (Hazard symbol) Additional technological components hydroxyethylcellulose CAS 9004-62-0, zinc phosphate CAS 7779-90-0 and polyethylene wax CAS 9002-88-4. Prolonged exposure causes skin and eye irritation, respiratory distress if swallowed. Product is long-term, hazardous to aquatic life.

Avoid contact with eyes, skin, and clothing and ingestion. Keep out of reach of children. If you feel unwell, seek medical advice immediately and show this container or label.

Use personal protective equipment and prevent product from entering the water.

EU VOC content (subtype WB/a) 30 g/l, product maximum VOC 0.8 g/l.

Dispose of contents and container in accordance with local regulations.

Manufacturer: AGENCIA DE ENERGIA ALTERNATIVA 2020 SL.

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